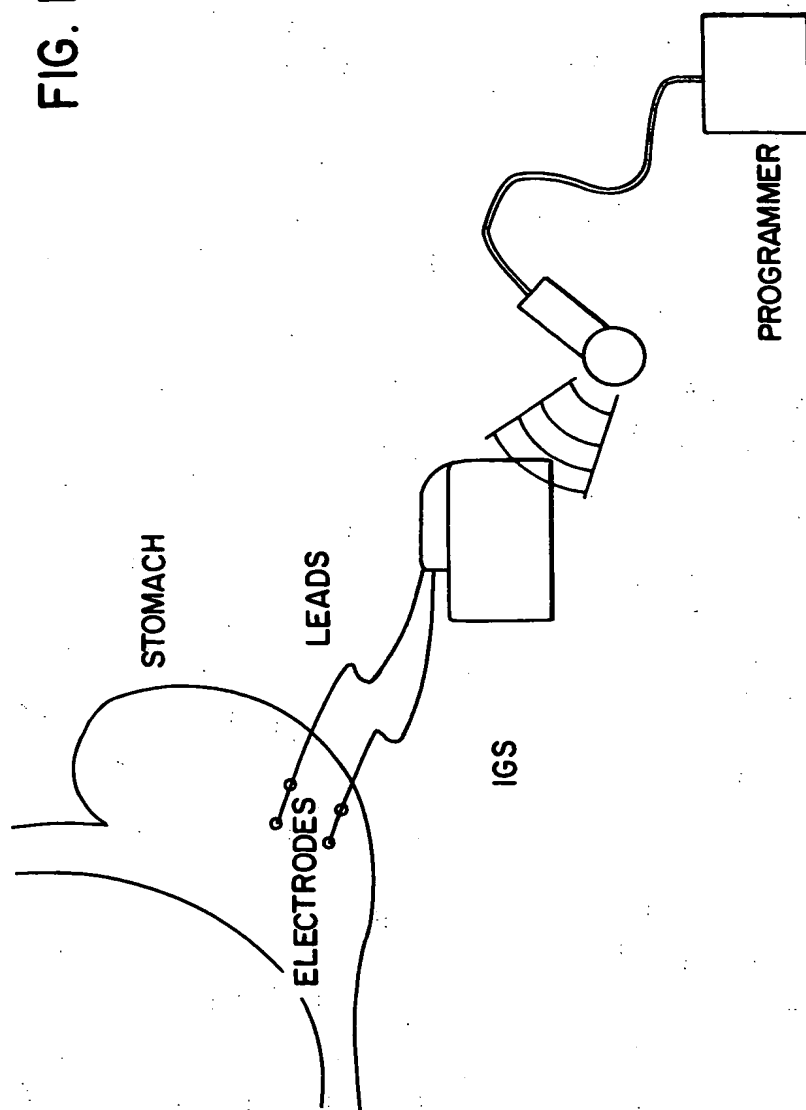


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FIG. 1



IGS SYSTEM COMPONENTS

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FIG. 2A

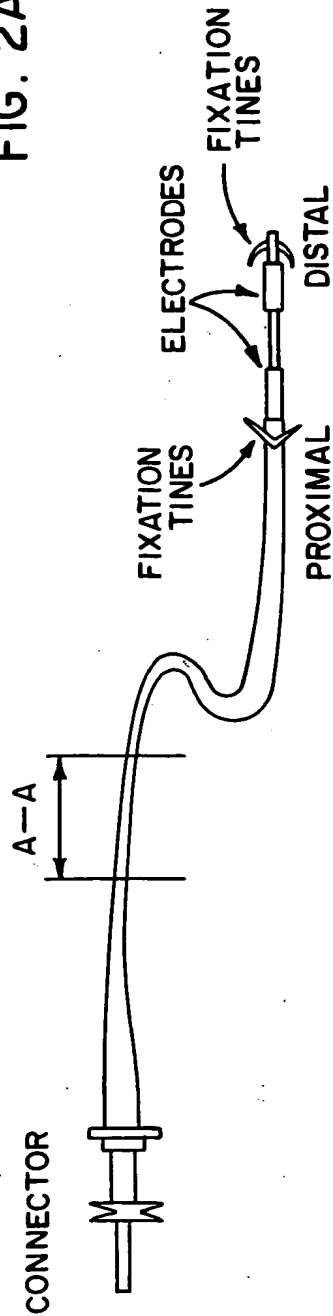
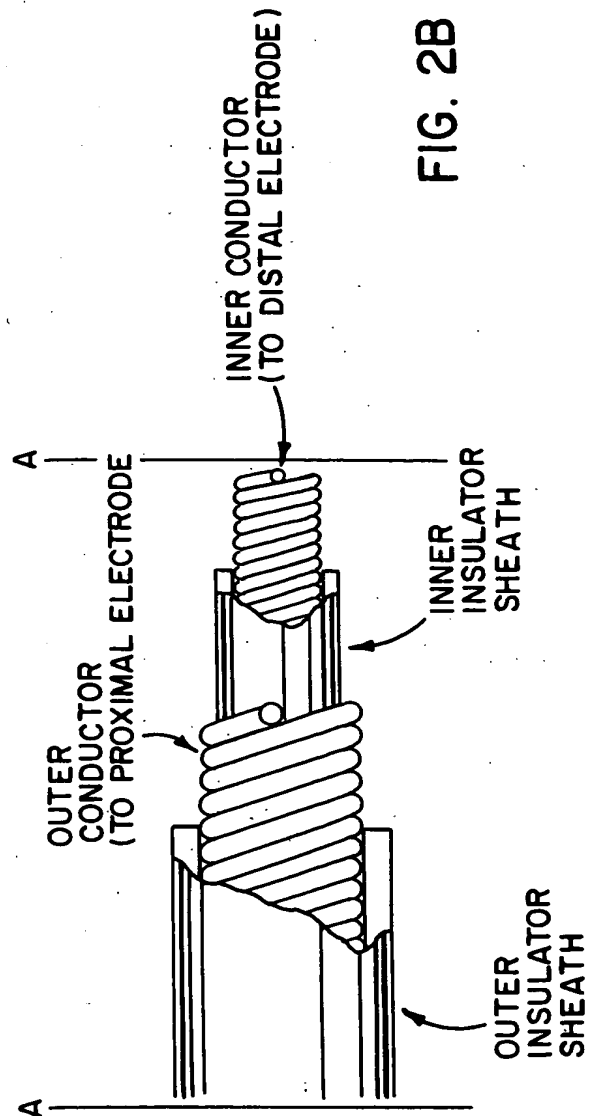


FIG. 2B



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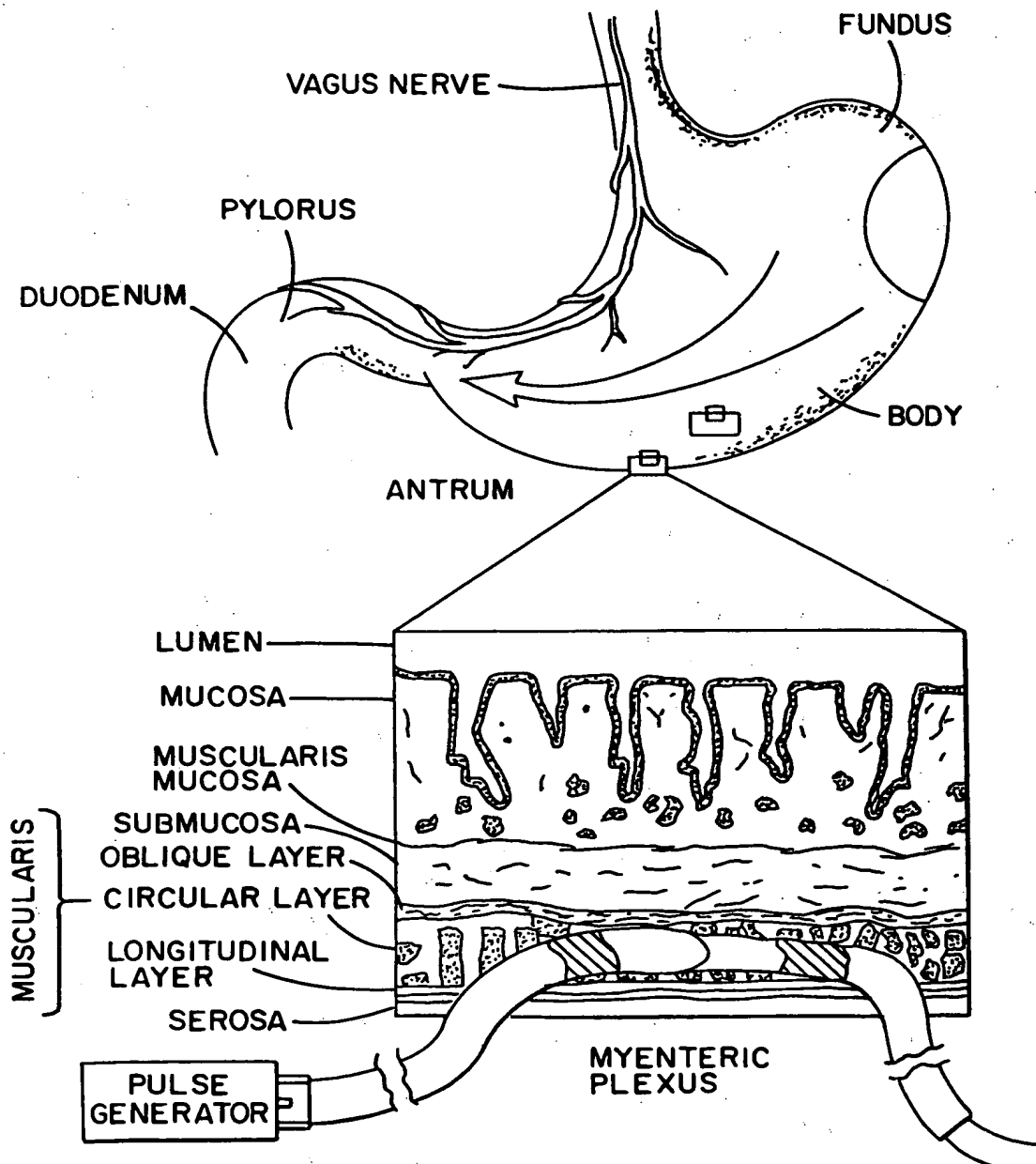


FIG. 3

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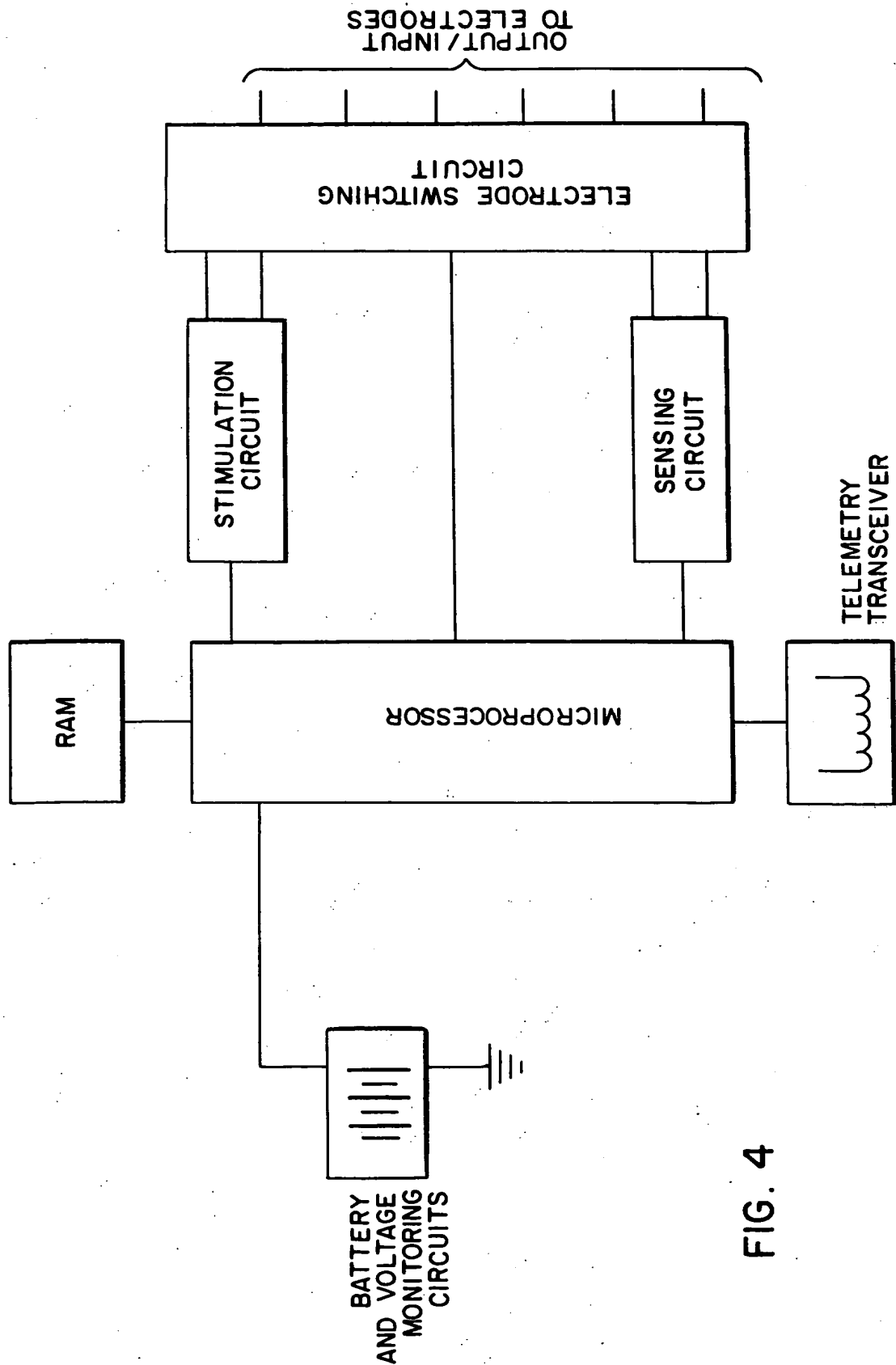


FIG. 4

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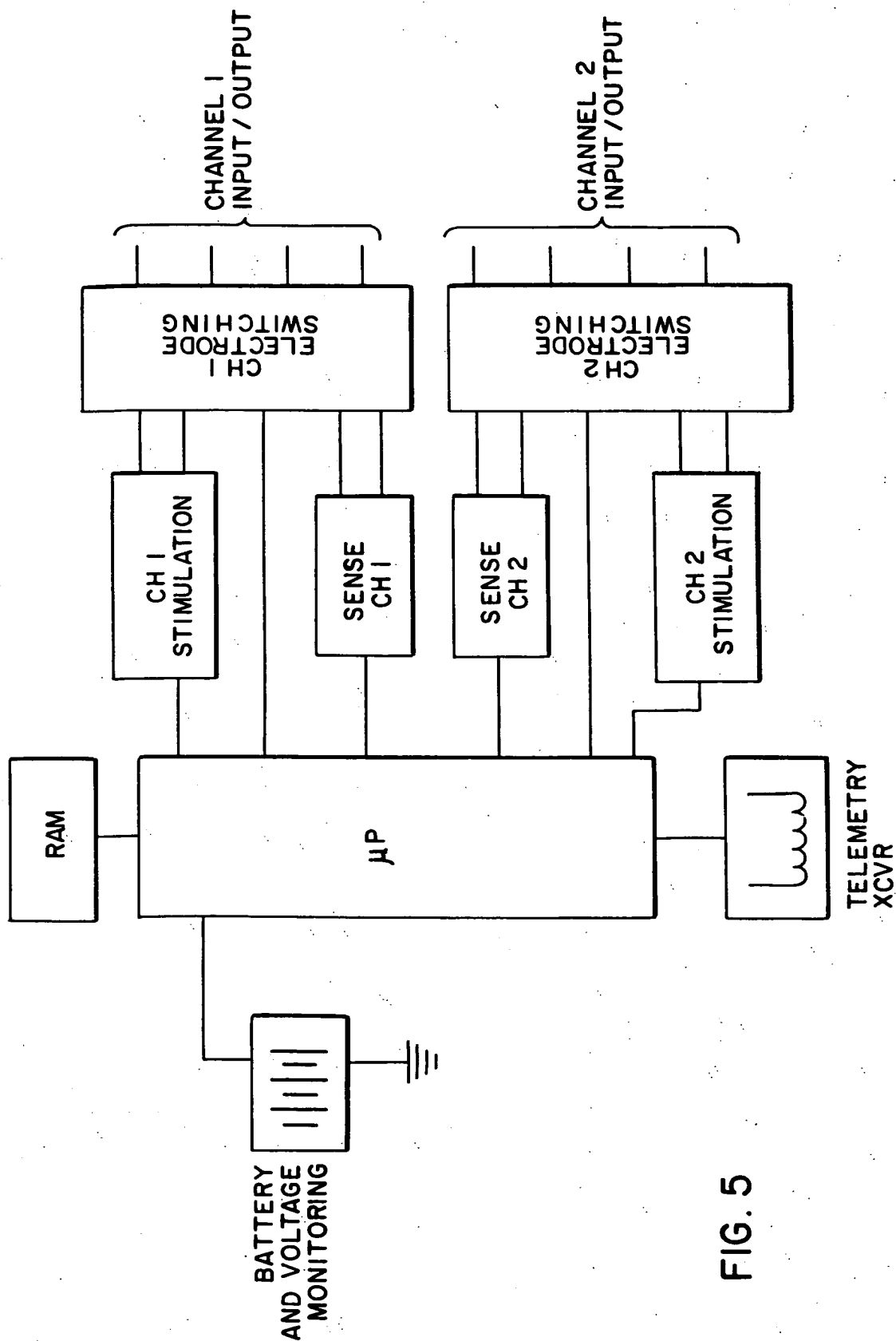


FIG. 5

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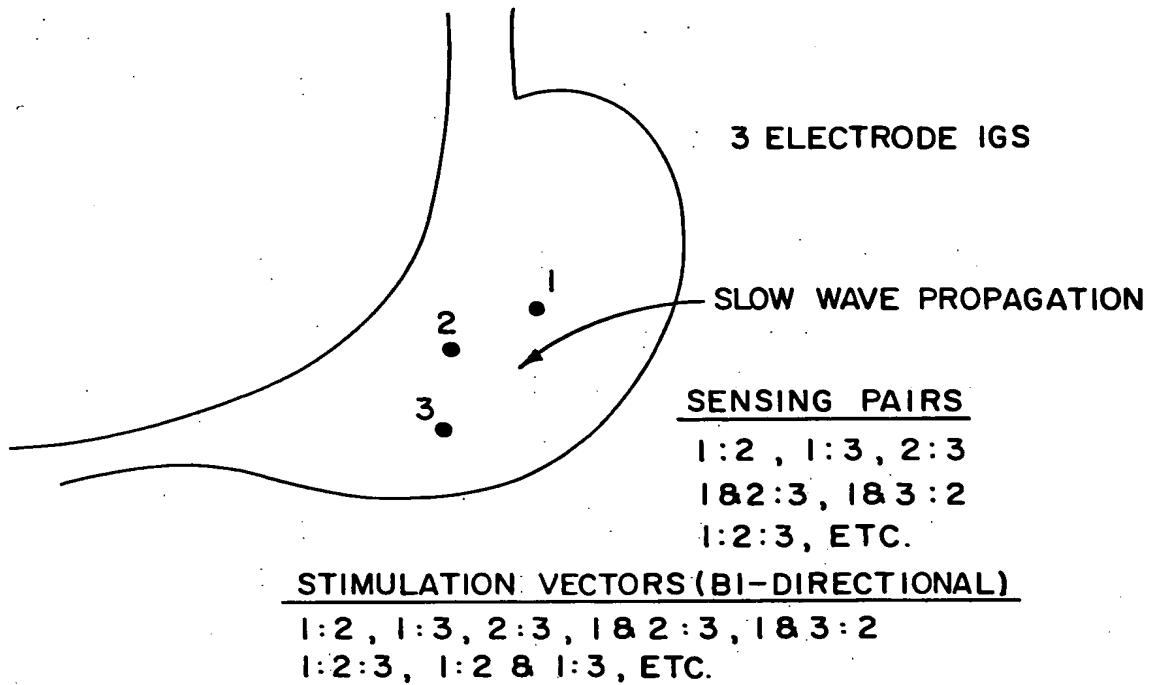


FIG. 6

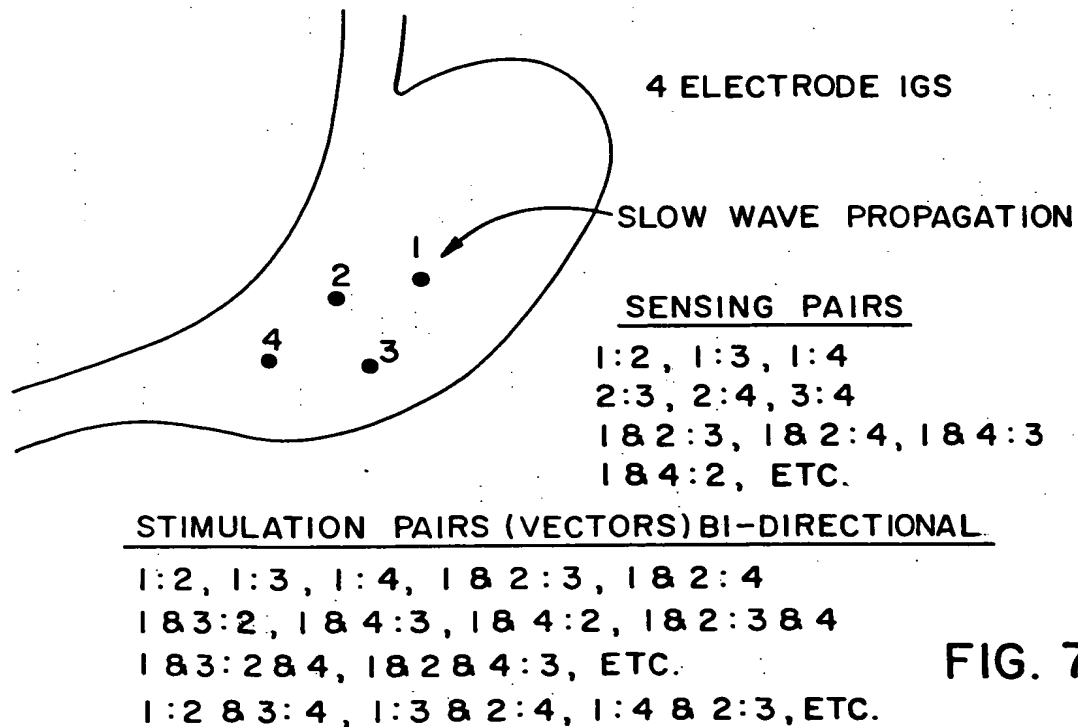


FIG. 7

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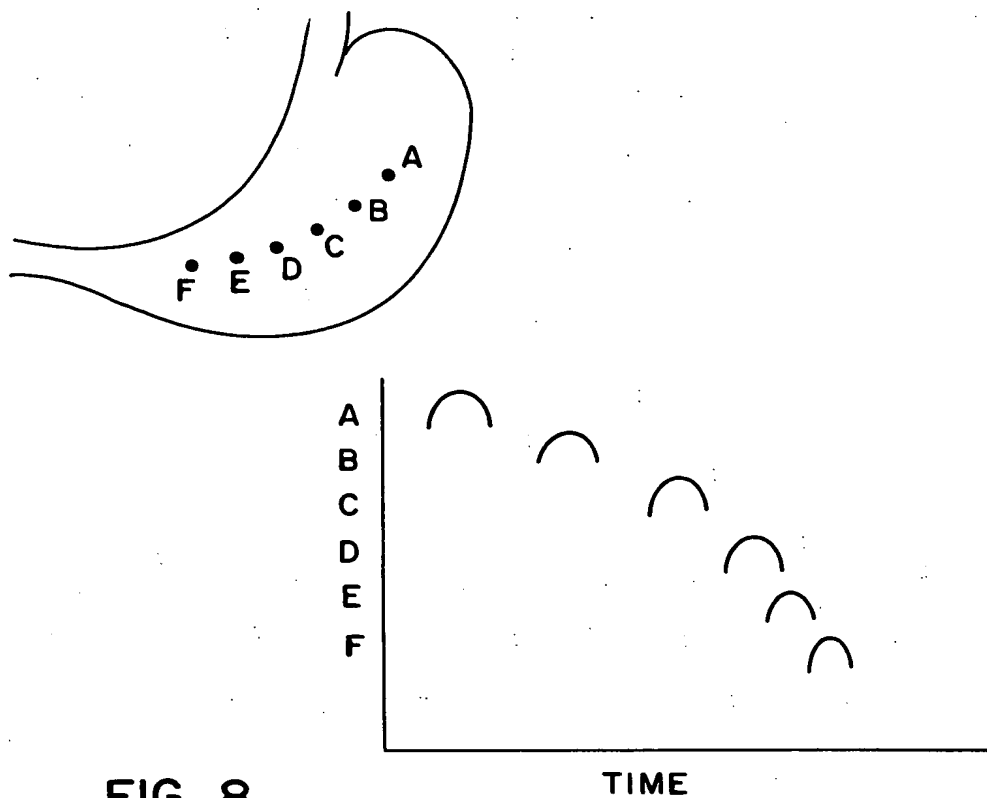


FIG. 8

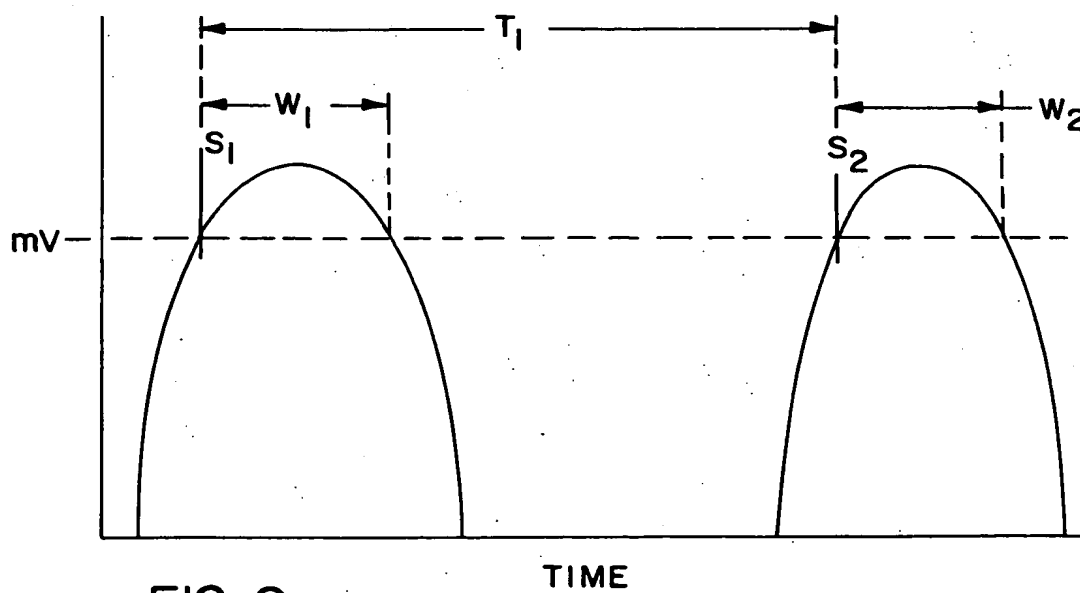


FIG. 9

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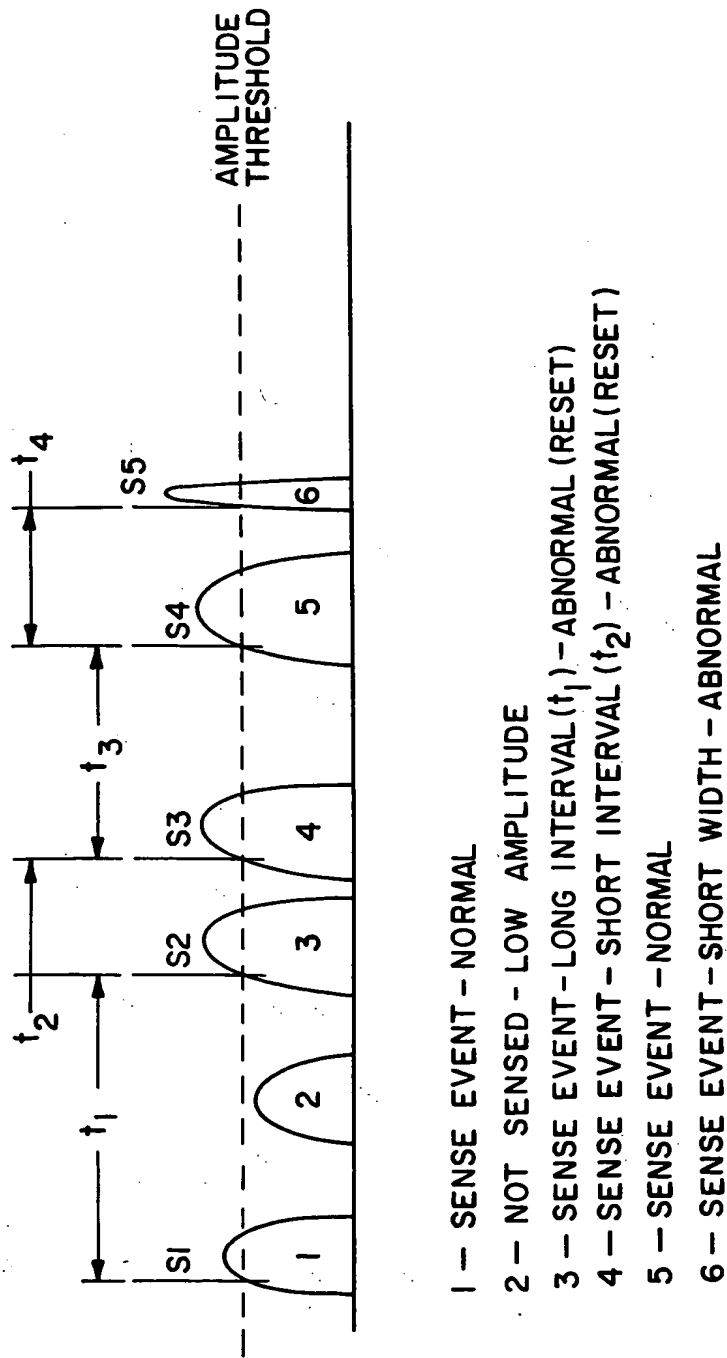


FIG. 10

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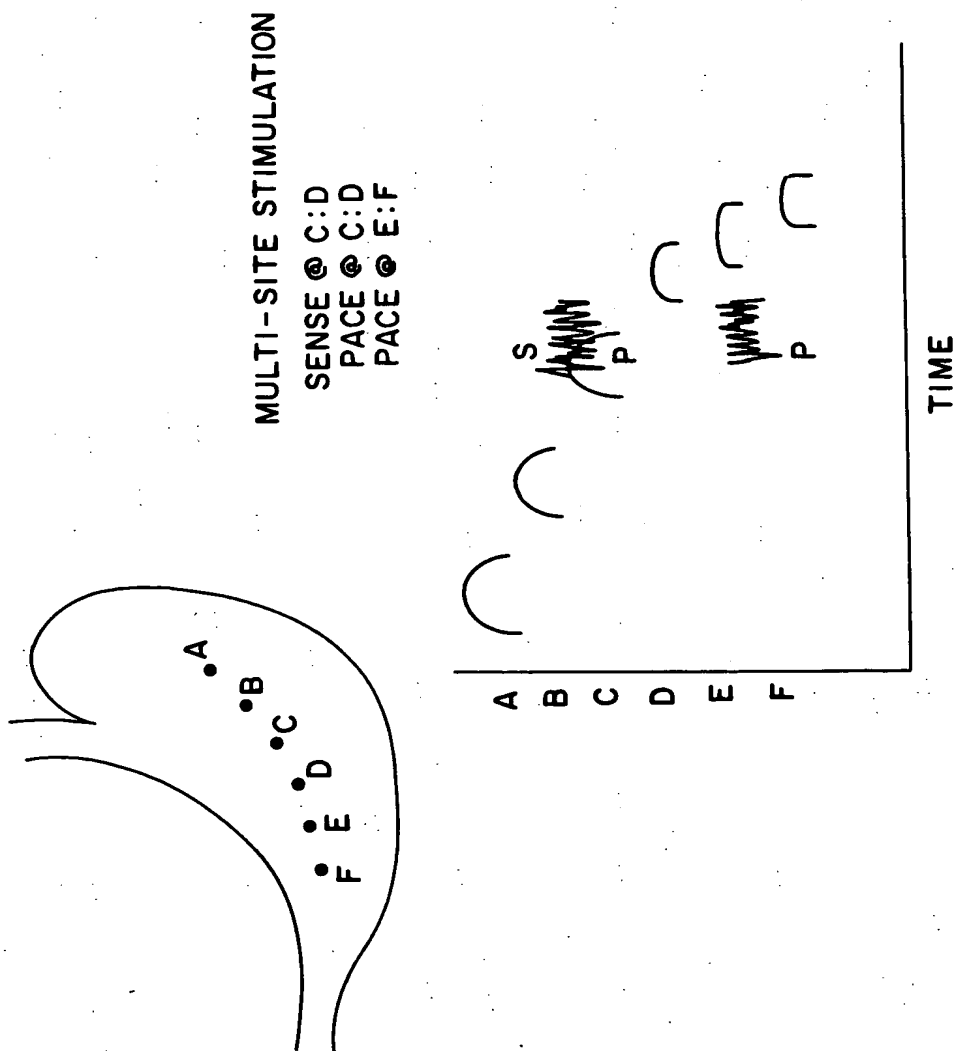
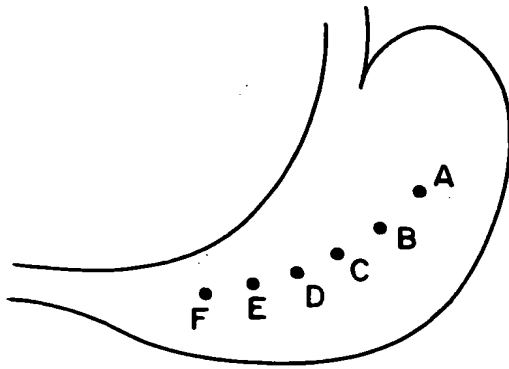


FIG. 11

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STIMULATION ACROSS
A SLOW WAVE

SENSE @ C
PACK @ C : E

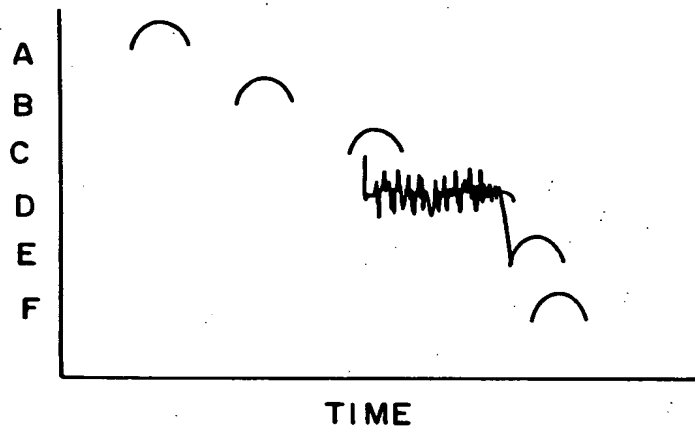
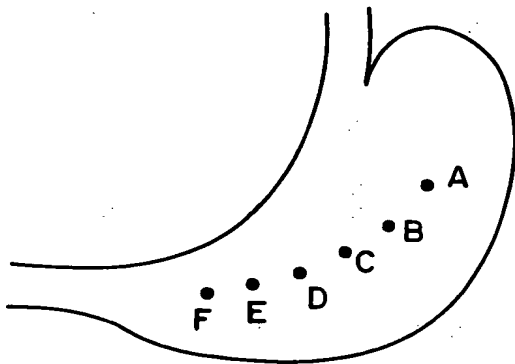


FIG. 12



STIMULATION WITH A
SPACIAL OFFSET

SENSE @ C : D
PACE @ D : E

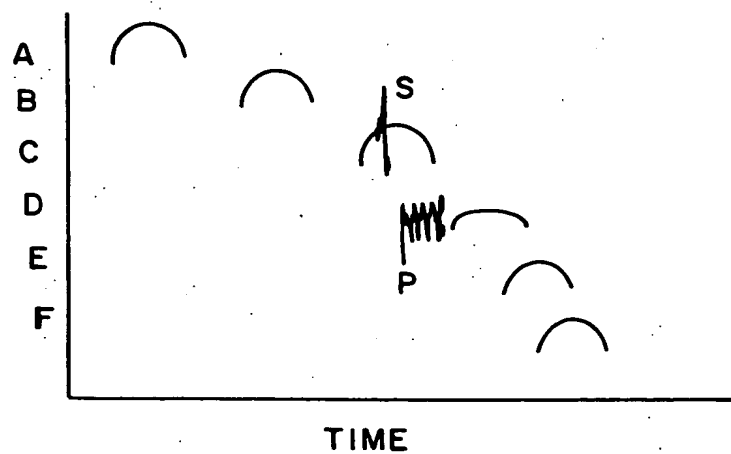
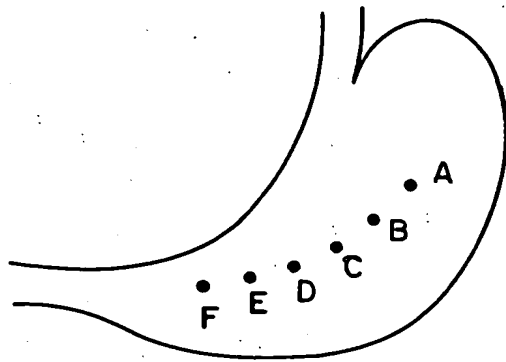


FIG. 13

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SPATIAL & TEMPORAL OFFSET

SENSE @ C: D
 PACE @ E: F
 WITH DELAY C

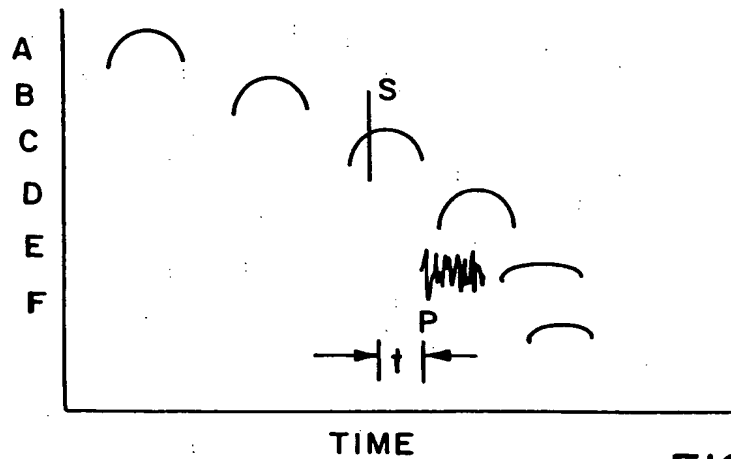
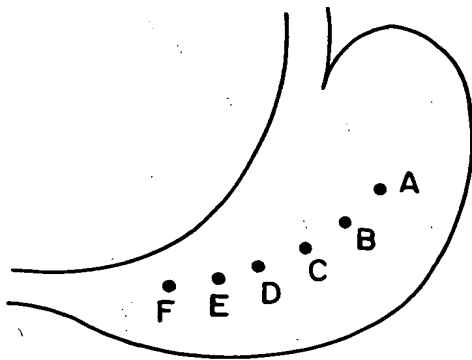


FIG. 14



ANTICIPATORY
 TEMPORAL OFFSET

SENSE @ C: D
 PACE @ C: D
 WITH DELAY t

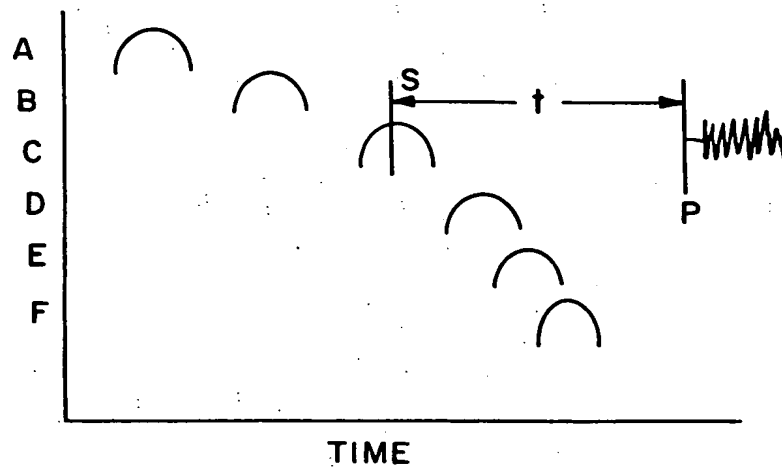


FIG. 15

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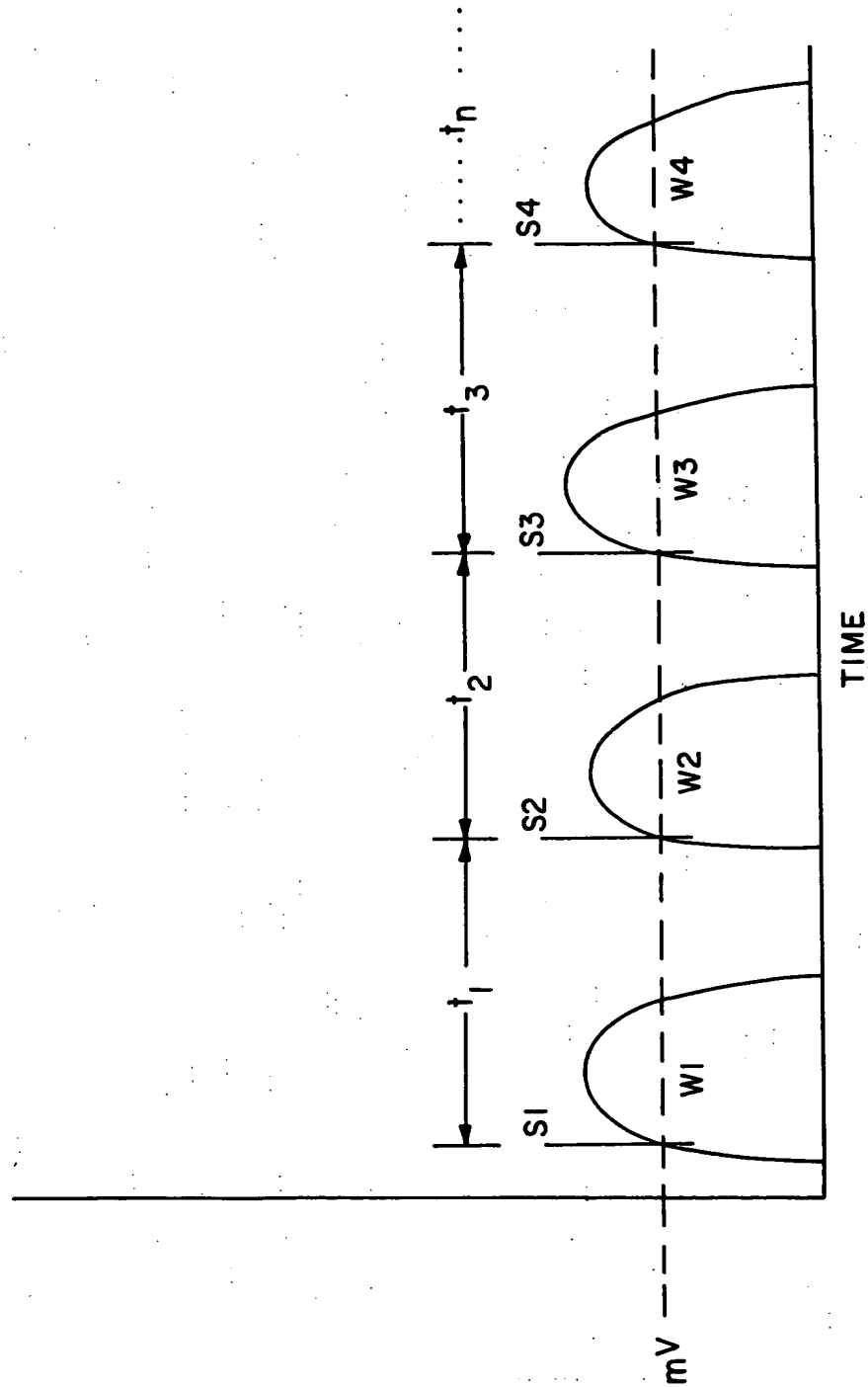


FIG. 16

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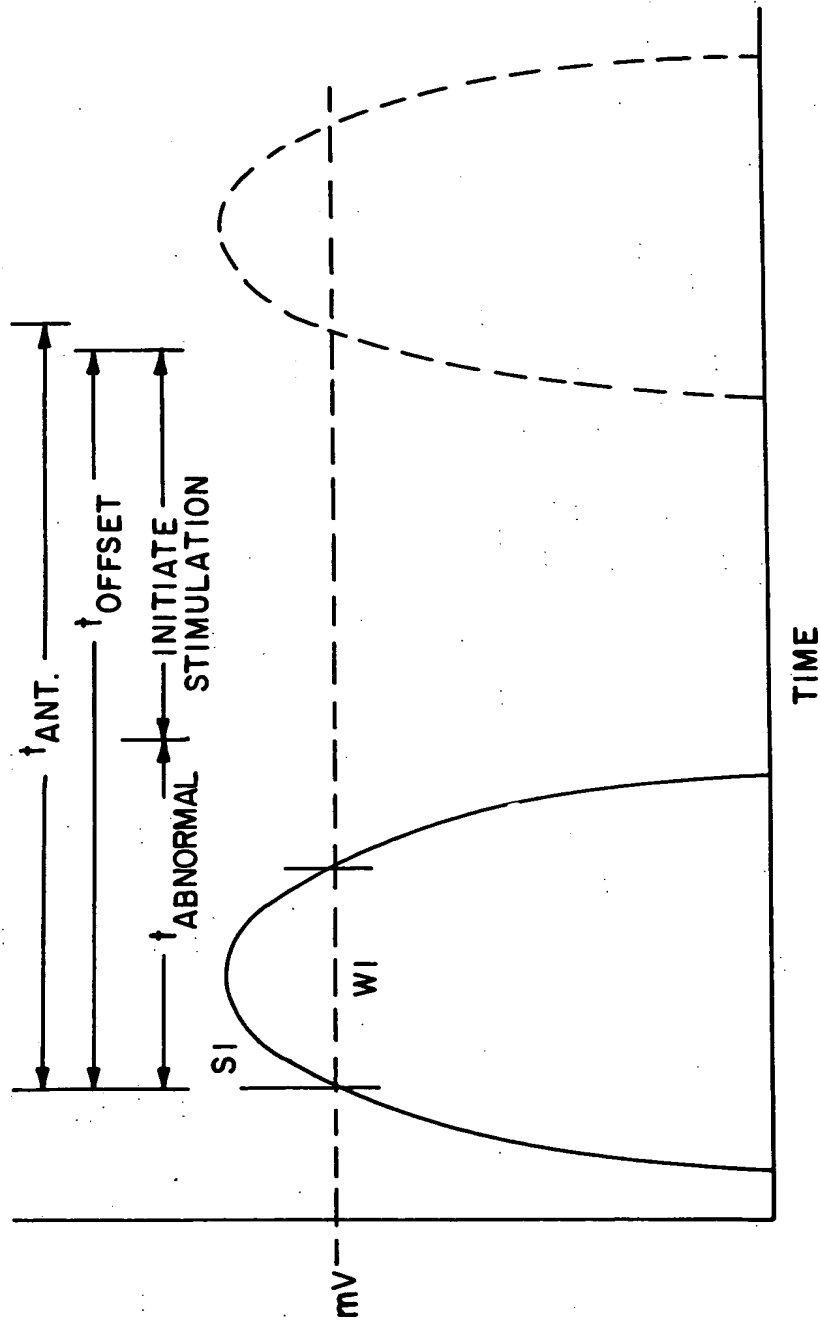


FIG. 17

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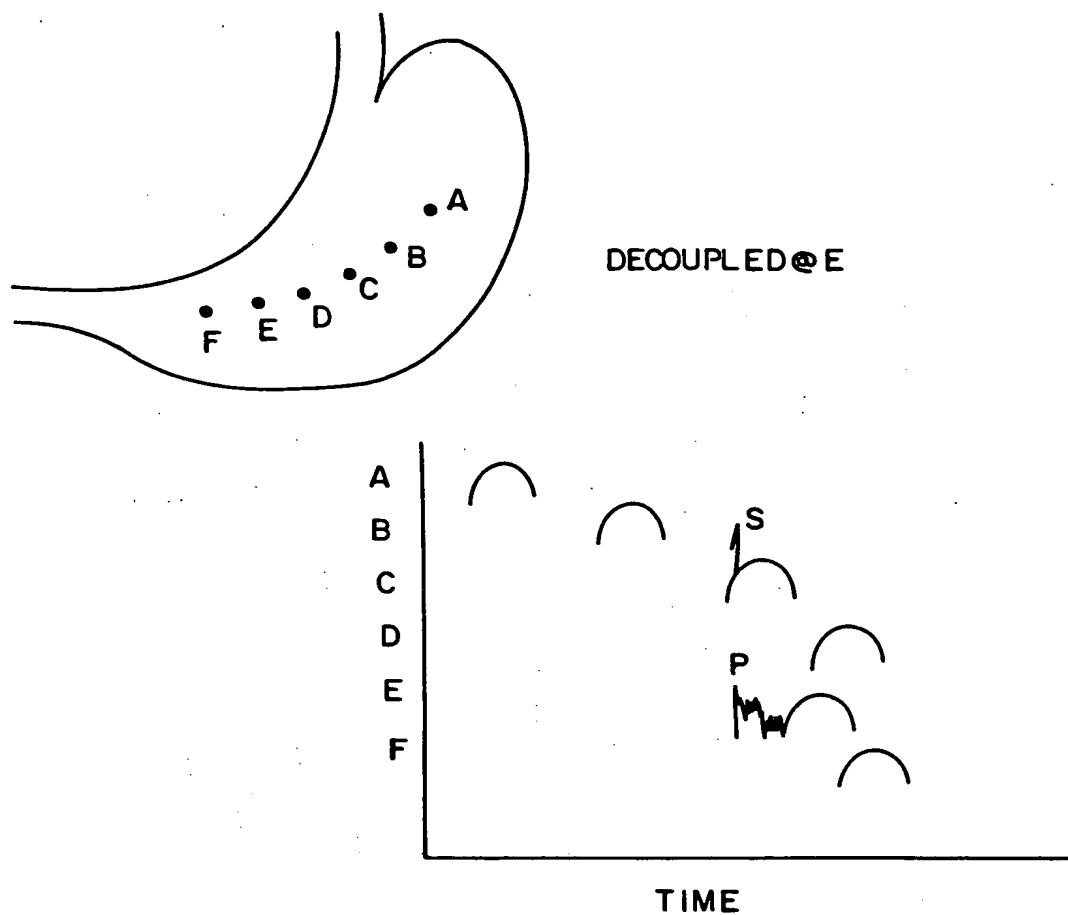


FIG. 18

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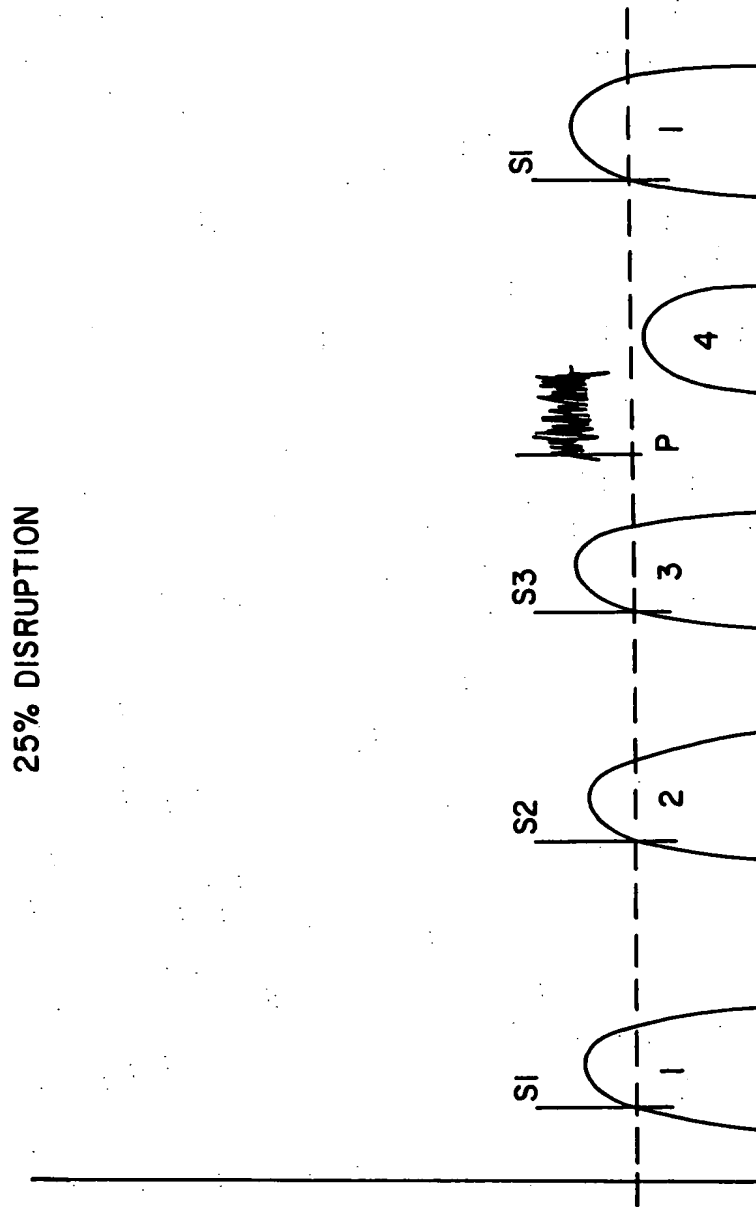


FIG. 19

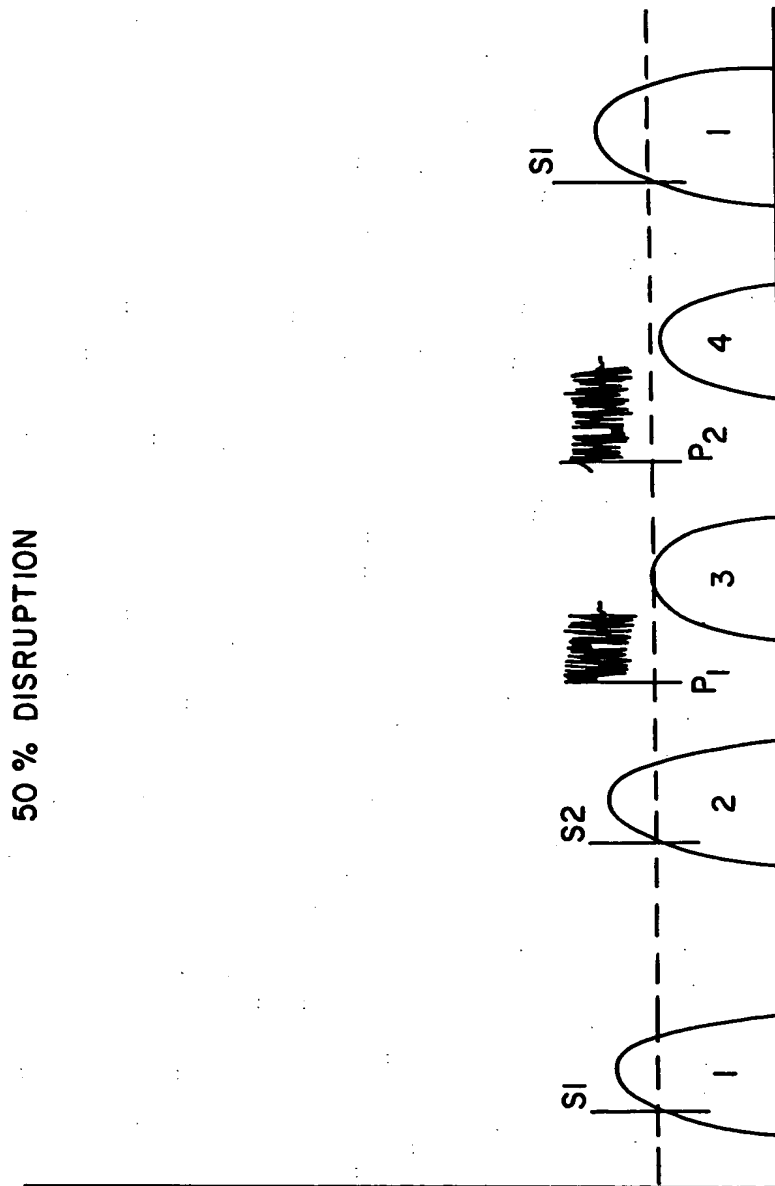


FIG. 20